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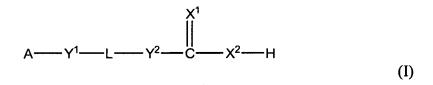
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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A compound of formula (I):



wherein

A is a cyclic moiety selected from the group consisting of C_{3-14} cycloalkyl, 3-14 membered heterocycloalkyl, C_{4-14} cycloalkenyl, 3-14 membered heterocycloalkenyl, aryl, heteroaryl; the cyclic moiety being optionally substituted with 1-3 substituents, each of which is independently selected from the group consisting of alkyl, alkenyl, alkynyl, alkoxy, hydroxyl, hydroxylalkyl, halo, haloalkyl, amino, alkylcarbonyloxy, alkyloxycarbonyl, alkylcarbonyl, alkylsulfonylamino, aminosulfonyl, and alkylsulfonyl;

each of X¹ and X², independently, is O or S;

 Y^1 is -CH₂-, -O-, -S-, -N(R^a)-, -N(R^a)-C(O)-O-, -O-C(O)-N(R^a)-, -N(R^a)-C(O)N(R^b)-,

-O-C(O)-O-, or a bond; each of R^a and R^b, independently being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

Y² is CH₂ or a bond;

L is a straight C_{3-12} hydrocarbon chain optionally containing at least one double bond adjacent to Y^1 or Y^2 , at least one triple bond, or at least one double bond and one triple bond; said hydrocarbon chain being optionally substituted with C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, hydroxyl, halo, amino, nitro, C_{3-5} cycloalkyl, 3-5 membered heterocycloalkyl, monocyclic aryl, 5-6 membered heteroaryl, C_{1-4} alkylcarbonyloxy, C_{1-4} alkylcarbonyl, or formyl; and further being optionally interrupted by -O-, -N(R^c)-, -N(R^c)-C(O)-O-, -O-C(O)-(R^c)-, -N(R^c)-C(O)-N(R^d)-, or -O-C(O)-O-; each of R^c and R^d , independently, being hydrogen, alkyl,

-N(R°)-C(O)-N(R°)-, or -O-C(O)-O-; each of R° and R°, independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl; provided that when L contains two or more double bonds, the double bonds are not adjacent to each other; that when L contains

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three double bonds, said hydrocarbon chain is further substituted with C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, hydroxyl, halo, amino, nitro, C_{3-5} cycloalkyl, 3-5 membered heterocycloalkyl, monocyclic aryl, 5-6 membered heteroaryl, C_{1-4} alkylcarbonyloxy,

 C_{1-4} alkylcarbonyl, or formyl; and further provided that when L is C_4 or C_5 and contains one triple bond and A is phenyl, Y^1 is not a bond or -CH₂- and Y^2 is -CH₂-; provided that when L is C_4 , A is C_{3-14} cycloalkyl then Y_1 is not CH₂; and further provided that when L is C_4 containing two double bonds, and is ω -substituted with phenyl or substituted phenyl, A is not phenyl or substituted phenyl;

or a salt thereof.

- 2. (Original) The compound of claim 1, wherein X^{1} is O.
- 3. (Original) The compound of claim 1, wherein X^2 is O.
- 4. (Original) The compound of claim 1, where each of X^1 and X^2 is O.
- 5. (Previously Presented) The compound of claim 1, wherein Y^1 is -CH₂-, -O-, -N(\mathbb{R}^a)-, or a bond.
- 6. (Canceled)
- 7. (**Previously Presented**) The compound of claim 1, wherein L is an unsaturated C_{4-8} hydrocarbon containing at least one double bond and no triple bond, said unsaturated hydrocarbon chain being optionally substituted with C_{1-2} alkoxy, hydroxyl, -NH₂, -NH(C_{1-2} alkyl), or -N(C_{1-2} alkyl)₂, or -N(C_{1-2} alkyl)₂.
- 8. (Original) The compound of claim 7, wherein the double bond is in trans configuration.

9-11. (Canceled)

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12. (Original) The compound of claim 1, wherein A is phenyl, naphthyl, indanyl, or tetrahydronaphthyl.

13. (Previously Presented) The compound of claim 1, wherein A is phenyl optionally substituted with 1-3 substituents each of which is independently selected from the group consisting of alkyl, alkenyl, hydroxyl, hydroxylalkyl, halo, haloalkyl, and amino.

14-15. (Canceled)

16. (**Previously Presented**) The compound of claim 13, wherein L is an unsaturated C_{4-8} hydrocarbon chain containing only double bonds in trans configuration, said unsaturated hydrocarbon chain being optionally substituted with C_{1-2} alkoxy, hydroxyl, -NH₂, -NH(C_{1-2} alkyl), or -N(C_{1-2} alkyl)₂.

17. (Previously Presented) The compound of claim 16, wherein X^1 is O; X^2 is O; and Y^1 is -CH₂-, -O-, -N(\mathbb{R}^a)-, or a bond.

18-21. (Canceled)

22. (Previously Presented) A compound of formula (I):

$$A - Y^1 - L - Y^2 - C - X^2 - H$$
 (I)

wherein

A is a cyclic moiety selected from the group consisting of aryl and heteroaryl; the cyclic moiety being optionally substituted with alkyl, alkenyl, alkynyl, hydroxylalkyl, or amino; each of X^1 and X^2 , independently, is O or S;

$$Y^{1}$$
 is -CH₂-, -O-, -S-, -N(R^a)-, -N(R^a)-C(O)-O-, -O-C(O)-N(R^a)-, -N(R^a)-C(O)-N(R^b)-, -O-C(O)-O-, or a bond; each of R^a and R^b, independently, being hydrogen, alkyl, hydroxylalkyl, or haloalkyl;

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Y² is CH₂ or a bond;

L is a straight C_{3-12} hydrocarbon chain optionally containing at least one double bond adjacent to Y^1 or Y^2 , at least one triple bond, or at least one double bond and one triple bond; said hydrocarbon chain being optionally substituted with C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, or amino, and further optionally interrupted by -O- or -N(R^c)-, where R^c is hydrogen, alkyl, hydroxylalky, or haloalkyl; provided that when L contains two or more double bonds, the double bonds are not adjacent to each other; that when L contains three double bonds, said hydrocarbon chain is substituted with C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, or amino; and further provided that when L is C_4 or C_5 and contains one triple bond and A is phenyl, Y^1 is not a bond or -CH₂- and Y^2 is -CH₂-; or a salt thereof.

23-24. (Canceled)

25. (Previously Presented) The compound of claim 22, wherein L is an unsaturated C_{4-8} hydrocarbon chain containing only double bonds in trans configuration, said unsaturated hydrocarbon chain being optionally substituted with C_{1-2} alkoxy, hydroxyl, -NH₂, -NH(C_{1-2} alkyl), or -N(C_{1-2} alkyl)₂.

26. (Previously Presented) The compound of claim 25, where in X^1 is O; X^2 is O; and Y^1 is - CH_2 -, -O-, -N(R^a)-, or a bond.

27-79. (Canceled)

80. (Currently Amended) A pharmaceutical composition, comprising compound of formula (I):

$$A - Y^1 - L - Y^2 - C - X^2 - H$$
 (I)

wherein

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A is a cyclic moiety selected from the group consisting of C_{3-14} cycloalkyl, 3-14 membered heterocycloalkyl, C_{4-14} cycloalkenyl, 3-14 membered heterocycloalkenyl, aryl, and heteroaryl; the cyclic moiety being optionally substituted with 1-3 substituents, each of which is independently selected from the group consisting of alkyl, alkenyl, alkynyl, alkoxy, hydroxyl, hydroxylalkyl, halo, haloalkyl, amino, alkylcarbonyloxy, alkyloxycarbonyl, alkylcarbonyl, alkylsulfonylamino, aminosulfonyl, and alkylsulfonyl;

each of X1 and X2, independently, is O or S;

Y¹ is -CH₂-, -O-, -S-, -N(R^a)-, -N(R^a)-C(O)-O-, -O-C(O)-N(R^a)-, -N(R^a)-C(O)-N(R^b)-, -O-C(O)-O-, or a bond; each of R^a and R^b independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

Y² is CH₂ or a bond;

L is a straight C_{5-12} hydrocarbon chain containing at least one double bond adjacent to Y^1 or Y^2 , or at least one double bond and one triple bond; said hydrocarbon chain being optionally substituted with C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, hydroxyl, halo, amino, nitro, cyano, C_{3-5} cycloalkyl, 3-5 membered heterocycloalkyl, monocyclic aryl, 5-6 membered heteroaryl, C_{1-4} alkyloarbonyloxy, C_{1-4} alkyloxycarbonyl, C_{1-4} alkyloarbonyl, or formyl; and further being optionally interrupted by -O-, -N(R^c)-, -N(R^c)--C(O)-O-, -O-C(O)-N(R^c)-, -N(R^c)-C(O)-N(R^d)-, or -O-C(O)-O-; each of R^c and R^d , independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

provided that when L is C_4 , A is C_{3-14} cycloalkyl then Y_1 is not CH₂; and further provided that when L is C_4 containing two double bonds, and is ω-substituted with phenyl or substituted phenyl, A is not phenyl or substituted phenyl;

or a salt thereof; and

a pharmaceutically acceptable carrier.

- 81. (Previously Presented) The pharmaceutical composition of claim 80, wherein X^1 is O.
- 82. (Previously Presented) The pharmaceutical composition of claim 80, wherein X^2 is O.
- 83. (Previously Presented) The pharmaceutical composition of claim 80, where each of X^1 and

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 χ^2 is O.

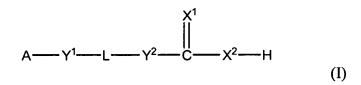
84. (**Previously Presented**) The pharmaceutical composition of claim 80, wherein Y¹ is -CH₂-, -O-, -N(R^a)-, or a bond.

- 85. (Previously Presented) The pharmaceutical composition of claim 80, wherein L is an unsaturated C_{5-8} hydrocarbon chain containing at least one double bond and no triple bond, said unsaturated hydrocarbon chain being optionally substituted with C_{1-2} alkoxy, hydroxyl, -NH₂, -NH(C_{1-2} alkyl), or -N(C_{1-2} alkyl)₂, or -N(C_{1-2} alkyl)₂.
- 86. (Previously Presented) The pharmaceutical composition of claim 85, wherein the double bond is in trans configuration.
- 87. (Previously Presented) The pharmaceutical composition of claim 80 wherein A is phenyl, naphthyl, indanyl, or tetrahydronaphthyl.
- 88. (Previously Presented) The pharmaceutical composition of claim 80, wherein A is phenyl optionally substituted with 1-3 substituents, each of which is independently selected from the group consisting of alkyl, alkenyl, hydroxyl, hydroxylalkyl, halo, haloalkyl and amino.
- 89. (Previously Presented) The pharmaceutical composition of claim 80, wherein L is an unsaturated C_{5-8} hydrocarbon chain containing only double bonds in trans configuration, said unsaturated hydrocarbon chain being optionally substituted with C_{1-2} alkoxy, hydroxyl, -NH₂, -NH(C_{1-2} alkyl), or -N(C_{1-2} alkyl)₂.
- 90. (Previously Presented) The pharmaceutical composition of claim 89, wherein X^1 is O; X^2 is O; and Y^1 is $-CH_2$ -, -O-, $-N(R^a)$ -, or a bond.
- 91. (Currently Amended) A compound of formula (I):

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wherein

A is a cyclic moiety selected from the group consisting of C_{3-14} cycloalkyl, 3-14 membered heterocycloalkyl, C_{4-14} cycloalkenyl, 3-14 membered heterocycloalkenyl, aryl, and heteroaryl; the cyclic moiety being optionally substituted with alkyl, alkenyl, alkynyl, alkoxy, hydroxyl, hydroxylalkyl, halo, haloalkyl, amino, alkylcarbonyloxy, alkyloxycarbonyl, alkylcarbonyl, alkylsulfonylamino, aminosulfonyl, or alkylsulfonyl;

each of X^1 and X^2 , independently, is O or S;

 Y^{1} is $-CH_{2}^{-}$, $-S_{-}$, $-N(R^{a})_{-}$, $-N(R^{a})_{-}$ C(O)-O-, $-O_{-}$ C(O)-N(R^a)-, $-N(R^{a})_{-}$ C(O)-N(R^b)-,

-O-C(O)-O-, or a bond; each of R^a and R^b, independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

Y² is -CH₂- or a bond;

L is a straight C_{3-6} hydrocarbon chain containing at least one double bond adjacent to Y^1 or Y^2 , at least one triple bond, or at least one double bond and one triple bond; said hydrocarbon chain being substituted with C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, amino, nitro, C_{3-5} cycloalkyl, 3-5 membered heterocycloalkyl, monocyclic aryl, 5-6 membered heteroaryl, C_{1-4} alkylcarbonyloxy, C_{1-4} alkylcarbonyl, or formyl; and further being optionally interrupted by -O-, -N(R^c)-, -N(R^c)-C(O)-O-, -O-C(O)-N(R^c)-, -N(R^c)-C(O)-N(R^d)-, or -O-C(O)-O-; each of R^c and R^d , independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

provided that when L is C_4 , A is C_{3-14} cycloalkyl then Y_1 is not CH_2 ; and further provided that when L is C_4 containing two double bonds, and is ω -substituted with phenyl or substituted phenyl, A is not phenyl or substituted phenyl; or a salt thereof.

92. (Previously Presented) The compound of claim 91, wherein X^1 is O.

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93. (Previously Presented) The compound of claim 91, wherein X^2 is O.

94. (Previously Presented) The compound of claim 91, wherein each of X^1 and X^2 is O.

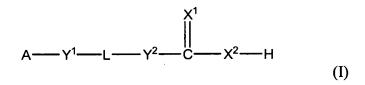
95. (Canceled)

- 96. (Previously Presented) The compound of claim 91, wherein L is an unsaturated C_{4-6} hydrocarbon chain containing at least one double bond and no triple bond, said unsaturated hydrocarbon chain being substituted with C_{1-2} alkoxy, hydroxyl, -NH₂,
- $-\mathrm{NH}(\mathrm{C}_{1\text{-}2} \text{ alkyl}), -\mathrm{N}(\mathrm{C}_{1\text{-}2} \text{ alkyl})_2, -\mathrm{N}(\mathrm{C}_{1\text{-}2} \text{ alkyl})_2, \text{ halo, or monocyclic aryl.}$
- 97. (Previously presented) The compound of claim 96, wherein said double bond is in trans configuration.
- 98. (Canceled)
- 99. (Previously presented) The compound of claim 91, wherein A is phenyl optionally substituted with alkyl, alkenyl, hydroxyl, hydroxylalkyl, halo, haloalkyl, or amino.
- 100. (**Previously Presented**) The compound of claim 91, wherein L is an unsaturated C_{5-6} hydrocarbon chain containing double bonds only in trans configuration, said unsaturated hydrocarbon chain being substituted with C_{1-2} alkoxy, hydroxyl, -NH₂, -NH(C_{1-2} alkyl), -N(C_{1-2} alkyl)₂, halo, or monocyclic aryl.
- 101. (Previously Presented) The compound of claim 100, wherein X^1 is O; X^2 is O; and Y^1 is -CH₂-, -N(\mathbb{R}^a)-, or a bond.
- 102. (Currently Amended) A compound of formula (I):

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wherein

A is a cyclic moiety selected from the group consisting of $C_{3^{-1}4}$ cycloalkyl, 3-14 membered heterocycloalkyl, $C_{4^{-1}4}$ cycloalkenyl, 3-14 membered heterocycloalkenyl, aryl, a heteroaryl; the cyclic moiety being optionally substituted with alkyl, alkenyl, alkynyl, alkoxy, hydroxyl, hydroxylalkyl, halo, haloalkyl, amino, alkylcarbonyloxy, alkyloxycarbonyl, alkylcarbonyl, alkylsulfonylamino, aminosulfonyl, or alkylsulfonyl;

each of X^1 and X^2 , independently, is O or S;

 Y^1 is $-CH_2$ -, -O-, -S-, $-N(R^a)$ -, $-N(R^a)$ --C(O)--O-, -O--C(O)- $-N(R^a)$ -, $-N(R^a)$ -, $-N(R^a)$ -, -O--C(O)--O-, or a bond; each of R^a and R^b , independently being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

Y² is CH₂ or a bond;

L is a straight C_{3-7} hydrocarbon chain optionally containing at least one double bond adjacent to Y^1 or Y^2 , least one triple bond, or at least one double bond and one triple bond; said hydrocarbon chain being optionally substituted with C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, hydroxyl, halo, amino, nitro, C_{3-5} cycloalkyl, 3-5 membered heterocycloalkyl, monocyclic aryl, 5-6 membered heteroaryl, C_{1-4} alkylcarbonyloxy, C_{1-4} alkylcarbonyl, or formyl; and further being optionally interrupted by -O-, -N(R°)-, -N(R°)-C(O)-O-, -O-C(O)-N(R°)-, or -O-C(O)-O-; each of R° and R^d, independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl; provided that when L contains two or more double bonds, the double bonds are not adjacent to each other; that when L contains three double bonds, said hydrocarbon chain is further substituted with C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, hydroxyl, halo, amino, nitro, C_{3-5} cycloalkyl, 3-5 membered heterocycloalkyl, monocyclic aryl, 5-6 membered heteroaryl, C_{1-4} alkylcarbonyloxy, C_{1-4} alkylcarbonyl, or formyl; and further provided that when L is C_4 or C_5 and contains one triple bond and A is phenyl, Y^1 is not a bond or -CH₂- and Y^2 is -CH₂-;

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provided that when L is C_4 , A is C_{3-14} cycloalkyl then Y_1 is not CH₂; and further provided that when L is C_4 containing two double bonds, and is ω -substituted with phenyl or substituted phenyl, A is not phenyl or substituted phenyl;

or a salt thereof.

103. (Currently Amended) A compound of formula (I):

$$A - Y^1 - L - Y^2 - C - X^2 - H$$
 (I)

wherein

A is phenyl, naphthyl, indanyl, or tetrahydronaphthyl;

each of X^1 and X^2 , independently, is O or S;

 Y^{l} is $-CH_{2}$ -, -S-, $-N(R^{a})$ -C(O)-O-, -O-C(O)- $N(R^{a})$ -, $-N(R^{a})$ -C(O)- $N(R^{b})$ -, -O-C(O)-O-, or a bond; each of R^{a} and R^{b} , independently, being hydrogen, alkyl, alkenyl, alkynyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

Y² is -CH₂- or a bond;

L is a straight C_{3-6} hydrocarbon chain containing at least one double bond adjacent to Y^1 or Y^2 , at least one triple bond, or at least one double bond and one triple bond; said hydrocarbon chain being substituted with C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, amino, nitro, C_{3-5} cycloalkyl, 3-5 membered heterocycloalkyl, monocyclic aryl, 5-6 membered heteroaryl, C_{1-4} alkylcarbonyloxy, C_{1-4} alkylcarbonyl, or formyl; and further being optionally interrupted by $-O_{-}$, $-N(R^c)_{-}$, $-N(R^c)_{-}$, $-N(R^c)_{-}$, $-N(R^c)_{-}$, or $-O_{-}$ C(O) $-O_{-}$; each of R^c and R^d , independently, being hydrogen, alkyl, alkenyl, alkoxy, hydroxylalkyl, hydroxyl, or haloalkyl;

provided that when L is C_4 , A is C_{3-14} cycloalkyl then Y_1 is not CH_2 ; and further provided that when L is C_4 containing two double bonds, and is ω -substituted with phenyl or substituted phenyl, A is not phenyl or substituted phenyl;

or a salt thereof.